

Wesam Salah Alaloul

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

957
citations

394421

19
h-index

501196

28
g-index

54
all docs

54
docs citations

54
times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical attack on concrete containing a high volume of crumb rubber as a partial replacement for fine aggregate in engineered cementitious composite (ECC). Canadian Journal of Civil Engineering, 2022, 49, 11-17.	1.3	15
2	Health and safety improvement in construction projects: a lean construction approach. International Journal of Occupational Safety and Ergonomics, 2022, 28, 1981-1993.	1.9	19
3	Identification of critical success factors for the adoption of Industrialized Building System (IBS) in Malaysian construction industry. Ain Shams Engineering Journal, 2022, 13, 101547.	6.1	16
4	Evaluation of Biases in Construction Project Dispute Resolution: Case Study. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2022, 14, .	1.4	3
5	Self-Healing Nano-Concrete for Futuristic Infrastructures: A Review. Arabian Journal for Science and Engineering, 2022, 47, 5365-5375.	3.0	7
6	A Bibliometric Analysis and Review of Building Information Modelling for Post-Disaster Reconstruction. Sustainability, 2022, 14, 393.	3.2	30
7	Marble Dust Effect on the Air Quality: An Environmental Assessment Approach. Sustainability, 2022, 14, 3831.	3.2	6
8	Occupational health and safety practice in infrastructure projects. International Journal of Occupational Safety and Ergonomics, 2022, 28, 2631-2644.	1.9	4
9	Intrinsic Workforce Diversity and Construction Worker Productivity in Pakistan: Impact of Employee Age and Industry Experience. Sustainability, 2022, 14, 232.	3.2	3
10	Assessment of Economic Sustainability in the Construction Sector: Evidence from Three Developed Countries (the USA, China, and the UK). Sustainability, 2022, 14, 6326.	3.2	11
11	Impact of inflation rate on construction projects budget: A review. Ain Shams Engineering Journal, 2021, 12, 407-414.	6.1	62
12	Soil erosion susceptibility mapping using a GIS-based multi-criteria decision approach: Case of district Chitral, Pakistan. Ain Shams Engineering Journal, 2021, 12, 1637-1649.	6.1	44
13	The Effect of Inflation Rate on CO2 Emission: A Framework for Malaysian Construction Industry. Sustainability, 2021, 13, 1562.	3.2	30
14	Materializing Low-Cost Energy-Efficient Residential Utility through Effective Space Design and Masonry Technique - A Practical Approach. Civil Engineering and Architecture, 2021, 9, 357-374.	0.4	5
15	Barriers of Occupational Safety Implementation in Infrastructure Projects: Gaza Strip Case. International Journal of Environmental Research and Public Health, 2021, 18, 3553.	2.6	9
16	Construction Sector Contribution to Economic Stability: Malaysian GDP Distribution. Sustainability, 2021, 13, 5012.	3.2	55
17	Systematic Review of Life Cycle Assessment and Life Cycle Cost Analysis for Pavement and a Case Study. Sustainability, 2021, 13, 4377.	3.2	31
18	Life Cycle Cost Analysis Comparison of Hot Mix Asphalt and Reclaimed Asphalt Pavement: A Case Study. Sustainability, 2021, 13, 4411.	3.2	18

#	ARTICLE	IF	CITATIONS
19	A Comparison Between Seasonal Autoregressive Integrated Moving Average (SARIMA) and Exponential Smoothing (ES) Based on Time Series Model for Forecasting Road Accidents. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 11113-11138.	3.0	22
20	Mechanical Properties of Silica Fume Modified High-Volume Fly Ash Rubberized Self-Compacting Concrete. <i>Sustainability</i> , 2021, 13, 5571.	3.2	65
21	Thickness Optimization of Thin-Film Tandem Organic Solar Cell. <i>Micromachines</i> , 2021, 12, 518.	2.9	8
22	Utilization of Crumb Rubber and High-Volume Fly Ash in Concrete for Environmental Sustainability: RSM-Based Modeling and Optimization. <i>Materials</i> , 2021, 14, 3322.	2.9	20
23	Axial Compressive Strength Models of Eccentrically-Loaded Rectangular Reinforced Concrete Columns Confined with FRP. <i>Materials</i> , 2021, 14, 3498.	2.9	10
24	Investigating the impact of inflation on labour wages in Construction Industry of Malaysia. <i>Ain Shams Engineering Journal</i> , 2021, 12, 1575-1582.	6.1	22
25	Modeling and design optimization of reclaimed asphalt pavement containing crude palm oil using response surface methodology. <i>Construction and Building Materials</i> , 2021, 291, 123288.	7.2	38
26	Predictive Modeling Approach for Surface Water Quality: Development and Comparison of Machine Learning Models. <i>Sustainability</i> , 2021, 13, 7515.	3.2	21
27	Life Cycle Cost Assessment of Offshore Wind Farm: Kudat Malaysia Case. <i>Sustainability</i> , 2021, 13, 7943.	3.2	10
28	Shape Characterizing of Aggregates Produced through Different Crushing Techniques. <i>Coatings</i> , 2021, 11, 1199.	2.6	6
29	Utilizing of oil shale ash as a construction material: A systematic review. <i>Construction and Building Materials</i> , 2021, 299, 123844.	7.2	16
30	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. <i>Sustainability</i> , 2021, 13, 10720.	3.2	20
31	Efficiency of multiple hybrid techniques for the earthquake physical susceptibility mapping: the case of Abbottabad District, Pakistan. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	2
32	A GIS-Based Groundwater Contamination Assessment Using Modified DRASTIC Geospatial Technique. <i>Water (Switzerland)</i> , 2021, 13, 2868.	2.7	5
33	Reducing cooling load and lifecycle cost for residential buildings: a case of Lahore, Pakistan. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 2355-2374.	4.7	7
34	Optimized Thin-Film Organic Solar Cell with Enhanced Efficiency. <i>Sustainability</i> , 2021, 13, 13087.	3.2	2
35	Artificial Neural Network (ANN) and Finite Element (FEM) Models for GFRP-Reinforced Concrete Columns under Axial Compression. <i>Materials</i> , 2021, 14, 7172.	2.9	28
36	Construction Sector: IR 4.0 Applications. , 2021, , 1-50.		2

#	ARTICLE	IF	CITATIONS
37	Impact of the COVID-19 Pandemic on Construction Industry in Malaysia. , 2021, , .		6
38	Automation in Traffic Engineering to Prevent Road Accidents: A Review. , 2021, , .		1
39	Green Human Resource Practices on Pro-environmental behaviour of workers: Case of Pakistani construction industry. , 2021, , .		4
40	Digital Transformation of the Construction Industry: A Review. , 2021, , .		10
41	Value Analysis in Construction Projects with BIM implementation: A Systematic Review. , 2021, , .		6
42	Life Cycle Impact Assessment of Recycled Aggregate Concrete, Geopolymer Concrete, and Recycled Aggregate-Based Geopolymer Concrete. Sustainability, 2021, 13, 13515.	3.2	30
43	Investigation on Hamburg Wheel-Tracking Device Stripping Performance Properties of Recycled Hot-Mix Asphalt Mixtures. Materials, 2020, 13, 4704.	2.9	14
44	Mechanical and deformation properties of rubberized engineered cementitious composite (ECC). Case Studies in Construction Materials, 2020, 13, e00385.	1.7	28
45	Structural equation modelling of construction project performance based on coordination factors. Cogent Engineering, 2020, 7, 1726069.	2.2	31
46	Investigating the impact of inflation on building materials prices in construction industry. Journal of Building Engineering, 2020, 32, 101485.	3.4	41
47	Total Quality Management Practices and Adoption in Construction Industry Organizations: A Review. , 2020, , .		4
48	Reconstruction of residential buildings post-disaster: A comparison of influencing factors. AIP Conference Proceedings, 2019, , .	0.4	7
49	Factors Affecting Defects Occurrence in Structural Design Stage of Residential Buildings in Gaza Strip. Open Civil Engineering Journal, 2019, 13, 129-139.	0.8	12
50	An Artificial neural networks (ANN) model for evaluating construction project performance based on coordination factors. Cogent Engineering, 2018, 5, 1507657.	2.2	35
51	Factors Affecting the Success of Construction Projects in Gaza Strip. Open Civil Engineering Journal, 2018, 12, 301-315.	0.8	38
52	The characteristics of coordination process in construction projects. , 2015, , .		10